Session 505

JBuilder 5 for Mac OS X

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The Session Plan

- Tour of JBuilder 5
  - See why this is the most productive way to write cross-platform Java code
  - New features for version 5
  - Writing Mac-specific code with JBuilder
- Your preview CD
- Q&A

JBuilder Basics

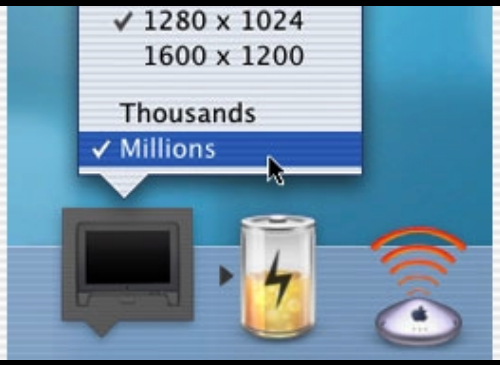
- Aqua look and feel
- Focus on source code
  - Editor
    - Performance
    - Structural analysis
    - ***New*** Macintosh and CodeWarrior keybindings
  - Navigation, CodeInsight and JavaDoc
    - Instant productivity

More JBuilder Basics

- Lightweight projects
  - Automatic package discovery
  - Fast Java compilation with dependency checking
  - Powerful archive builder

DEMO

JBuilder Basics



Visual Design

- Designing with JavaBeans
  - From Sun: AWT and Swing
  - From Borland: DataExpress, dbSwing and InternetBeans
  - Third-party support
- Borland's patented two-way tools
  - Visual designer and source code interact seamlessly

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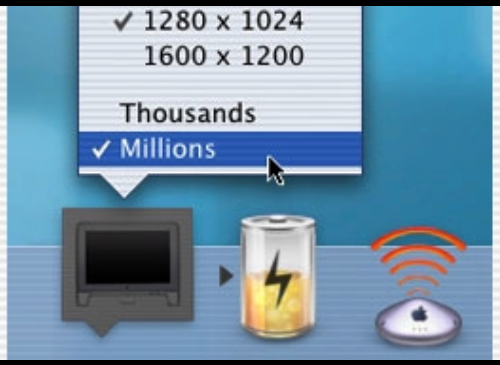
Visual Design



Java Server Pages and Servlets

- Dynamic Web Content
  - Mixed HTML/Java editing
  - Integrated JSP server
  - Integrated HTML viewer
- ***New*** Support for multiple ServletContexts
- ***New*** WAR file generation
- ***New*** Automatic Web Start bundling

Java Debugging

- Integrated source debugging
  - Full expression evaluation
  - Object browsing
  - Ability to edit *any* data type
- Extremely flexible breakpoints
  - Line, class, field access, field modification, and exceptions
  - Conditional breakpoints and breakpoint logging

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JSP and Debugging

New XML Development

- XML support
  - Navigation and editing
  - Validation
  - Automatic DTD generation
- XML transformation
  - The power of XSL

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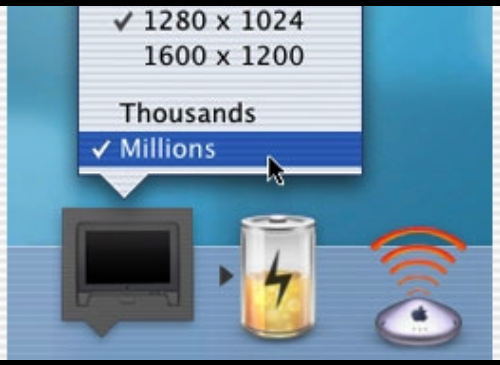
XML Features



Mac-Specific Development

- JBuilder dynamically learns about new classes
  - Navigation
  - CodeInsight
  - JavaDoc
- Cocoa or Java 2
  - The choice is yours

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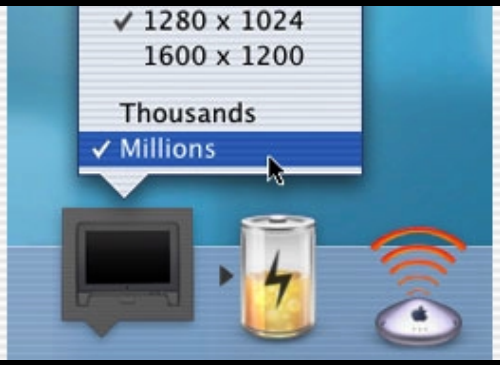
Mac OS X Development



JBuilder OpenTools

- Dynamically extending JBuilder
  - Add new viewers, file types, editor behaviors, dialogs, and more
- Third-party and freely available OpenTools
  - Many already compatible with Mac OS X

Your Preview CD

- Getting Apple's Java VM update
- Getting a license key
  - The Borland community site
- Registering your preview

Q&A

Blake Stone
www.borland.com

http://developer.apple.com/events/urls.html

WWDC

Worldwide Developers Conference 2001